



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET SUITE 600
DENVER, COLORADO 80202 2466

MAR 13 1998

Ref 8EPR-F

Mr Steven Slaten
Department of Energy
Rocky Flats Office
P O Box 928
Golden, CO 80402-0928

RE: Contained-in Determination for Excavated Media and Debris at Trench 1.

Dear Mr Slaten

In your letter to Steve Gunderson of the Colorado Department of Public Health and the Environment (CDPHE) dated January 6, 1998, you requested that a risk-based, contained-in determination be made for carbon tetrachloride, TCE, and PCE associated with the soil and debris to be excavated from Trench 1 this year. The levels requested are based on a 1×10^{-6} risk for direct exposure by a resident and are listed below

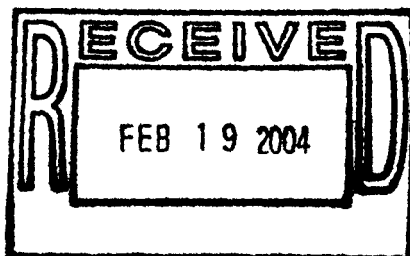
Carbon Tetrachloride	0.23 mg/kg
Tetrachloroethylene (PCE)	2.0 mg/kg
Trichloroethylene (TCE)	3.0 mg/kg

In a response dated January 12, 1998, Ms Susan Chaki of CDPHE established these as contained-in levels for the Trench 1 project. An attachment to both referenced letters explains that when the specified compounds are associated with soils at or below the risk-based concentrations, the soils are eligible to be replaced in their excavation without having to be further managed.

EPA policy allows authorized states to make this type of "contained-in determination" and Colorado is an authorized state for this purpose. Therefore, EPA concurs with the Trench 1 contained-in determination made by CDPHE. If you have any questions regarding this matter, please contact Gary Kleeman at 312-6246.

Sincerely,

Tim Rehder
Rocky Flats Team Leader



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